

Message

From: Strynar, Mark [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5A9910D5B38E471497BD875FD329A20A-STRYNAR, MARK]
Sent: 4/27/2017 7:45:12 PM
To: Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]; Autrey, Brad [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be99dbd409be4563bc615951f5d03562-Autrey, Brad]
CC: Buckley, Timothy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=197a3461d9824a17850f34cc2b0b37fe-Buckley, Timothy]; Zambrana, Jose [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=88e570833823499c9bd33b7e782845ac-Zambrana, Jose]; Biales, Adam [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=db4c5362720344acbe5db220fbe410f2-Biales, Adam]; Medina-Vera, Myriam [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b081a1f48a044b4c9d1ebc4992c54dee-Medina-Vera, Myriam]; Newton, Seth [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ea2ecc1d228a4c4682730a829e1d0718-Newton, Set]
Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States
Attachments: Newton et al., 2017.pdf

Brad,

I am also off tomorrow. However one more paper we recently published concerning AL work with the lead author Seth Newton. IN addition I think you should ping John Washington in Athens. I am guessing he may have something to add.

Specifically to answer this question:

Bob wants to include a PFAS story or two. Is the one pasted below accurate? Also, is someone in NERL working to identify classes of PFAS in the Cape Fear River area???? If so, could you ask someone to write that up?

See the Strynar et al., 2015 paper and the Sun et al., 2016 paper. We identified 12 novel polyfluorinated compounds in the Cape Fear river near Fayetteville, NC (Strynar et al., 2015). We later quantified the occurrence and concentration of legacy PFAS and replacement PFAS discovered in the Cape Fear river in delivered drinking water (Sun et al., 2016) – CHOSEN AS ONE OF ES&T LETTERS BEST PAPERS 2016. One of the analytes found and quantitated – GenX- is a polyfluorinated ether compound to replace PFOA in fluoropolymer manufacture was only found downstream of a fluorochemical manufacturing facility and present in the Wilmington, NC water. Legacy PFAS were found throughout the Cape Fear basin.

Mark

From: Lindstrom, Andrew
Sent: Thursday, April 27, 2017 3:31 PM
To: Autrey, Brad <Autrey.Brad@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>
Cc: Buckley, Timothy <Buckley.Timothy@epa.gov>; Zambrana, Jose <Zambrana.Jose@epa.gov>; Biales, Adam <Biales.Adam@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>
Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States

Brad,

We've done a great deal of work in North Carolina, Alabama, Minnesota, Wisconsin, Illinois, and Ohio.

I'd summarize these studies as being methods development efforts designed to characterize the occurrence of PFAS in environmental matrices that are important influences of exposure. This includes research on ground, surface, and drinking water; freshwater fish; bald eagles; soil; and house dust.

Please let me know if I can help (I'm off tomorrow though).

Thank you very much,

Andy

From: Autrey, Brad

Sent: Thursday, April 27, 2017 3:16 PM

To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>

Cc: Buckley, Timothy <Buckley.Timothy@epa.gov>; Zambrana, Jose <Zambrana.Jose@epa.gov>

Subject: FW: Need your immediate attention - re: case studies on research and technical assistance for States

Andy and Mark-

See the thread below. Bob Kavlock and Jennifer are asking if we can get together another PFAS write up for the technical assistance to States case studies.

If you have anything about Cape Fear, Alabama, or any other state assistance PFAS studies that we haven't already written up already, please let me know.

I'll take whatever you have and draft a write up in the case study format for your review.

Thanks,
Brad

Brad Autrey

U.S. EPA - National Exposure Research Lab

Communications Team

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From: Watkins, Tim

Sent: Thursday, April 27, 2017 1:54 PM

To: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Matthews, Lisa <Matthews.Lisa@epa.gov>; Autrey, Brad <Autrey.Brad@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>

Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States

I am thinking that Andy Lindstrom may have done some work in the Cape Fear River basin.

Tim Watkins

Deputy Director

National Exposure Research Laboratory

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From: Orme-Zavaleta, Jennifer
Sent: Thursday, April 27, 2017 1:44 PM
To: Matthews, Lisa <Matthews.Lisa@epa.gov>; Watkins, Tim <Watkins.Tim@epa.gov>; Autrey, Brad <Autrey.Brad@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>
Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States

Brad, can you follow up? We have nj, ala, and maybe others. Follow up w Tim B, Andy L, Mark S to start w, thanks

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From: Matthews, Lisa
Sent: Thursday, April 27, 2017 1:39 PM
To: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Watkins, Tim <Watkins.Tim@epa.gov>
Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States

Bob wants to include a PFAS story or two. Is the one pasted below accurate? Also, is someone in NERL working to identify classes of PFAS in the Cape Far River area???? If so, could you ask someone to write that up?

NEW JERSEY

Partner: New Jersey Department of Environmental Protection
Challenge: PFAS contamination
Resource: Water, soil and sediment analyses



[ECOS seeking quote]

A concern of New Jersey Department of Environmental Protection (NJ DEP) is the ongoing presence of poly- and perfluoroalkyl Substances (PFAS) in the drinking water resources of southwestern New Jersey. NJ DEP is studying the potential routes PFAS might be following in finding its way into these resources. The chief questions are where the contamination is originating and whether it is getting into the water through direct discharge or through the air. Previous analysis of water samples suggests that by looking at the ratios of different PFAS, it might be possible to identify a source signature that could help determine the origin of the contamination. The goals of this study are to confirm that PFAS

contamination is occurring, establish specific PFAS source signatures, and evaluate the potential for impacts due to air deposition.

NJ DEP has requested that ORD work with them to analyze water, sediment and soil samples for PFAS and their byproducts. In addition, ORD will collaborate with NJ DEP to evaluate the data and summarize the study's findings in a publication.

From: Orme-Zavaleta, Jennifer
Sent: Thursday, April 27, 2017 1:36 PM
To: Matthews, Lisa <Matthews.Lisa@epa.gov>
Subject: FW: Need your immediate attention - re: case studies on research and technical assistance for States

fyi

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From: Autrey, Brad
Sent: Thursday, April 27, 2017 1:30 PM
To: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Kryak, DavidD <Kryak.Davidd@epa.gov>; Watkins, Tim <Watkins.Tim@epa.gov>
Cc: Smith, Emily J. <Smith.Emily@epa.gov>
Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States

This is my understanding of where NERL stands with this effort.

We have submitted everything ORD requested but we are hoping to be able to add two more quotes to what we have written.

- One of these is for the Wisconsin EnviroAtlas case study. We have a quote but it has not yet been cleared by State officials. They apparently have extra clearance hoops when being quoted by federal partners.
- The other is for the Florida EnviroAtlas case study. We're not getting anything back from the Tampa folks but we'll keep trying until the deadline is passed.

Let me know if you have any questions.
-Brad

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From: Orme-Zavaleta, Jennifer
Sent: Thursday, April 27, 2017 11:53 AM
To: Kryak, DavidD <Kryak.Davidd@epa.gov>; Watkins, Tim <Watkins.Tim@epa.gov>; Autrey, Brad <Autrey.Brad@epa.gov>
Subject: FW: Need your immediate attention - re: case studies on research and technical assistance for States

See below and see what else we can do, thanks

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From: Robbins, Chris
Sent: Thursday, April 27, 2017 11:34 AM
To: ORD-Exec-Council-Directors <Execcouncildirectors@epa.gov>
Cc: Matthews, Lisa <Matthews.Lisa@epa.gov>
Subject: Need your immediate attention - re: case studies on research and technical assistance for States

Hi Everyone,

Following up our discussion at the EC meeting, folks in our organization have been working hard together to pull together new case studies highlighting how EPA research and technical assistance have helped the states. These case studies help demonstrate the direct benefit of ORD's scientific and technical work to states and their communities. Perhaps now more than ever our partnership with ERIS and the states is extremely important.

Your folks on the State Coordination Team (listed below) and the Communications staff have been a huge help in pulling together these case studies. But we are not done yet, and have a number of case studies where we need some additional information. **I need your continued "all hands on deck" support to help us complete this case study compilation by May 1.**

Lisa Matthews, ORD State Liaison, has reached out to the State Coordination Team for some clarification and assistance in reaching out to some local officials for quotes to strengthen our case study narratives. In turn, Lisa is working with ECOS to request quotes from state officials where appropriate about the impact of EPA ORD's work on each project. Please feel free to follow-up directly with Lisa (202-564-6669) if you have any questions on outstanding items.

Our goal is to have a final document to share with ERIS by early next week. We will share the final document with everyone when complete. Thanks again for your continued support of our state engagement work.

Chris

State Coordination Team:
NERL – David Kryak
NHEERL – Bill Fisher
NRMRL – Alice Gilliland
NCCT – Monica Linnenbrink
NCEA – Emma Lavoie
NCER – Cynthia McOliver
NHSRC – Emily Snyder/Kathy Nickel
NPD Liaison – Joe Williams
Regional Science Program Liaison – Maggie LaVay
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